FIG 1

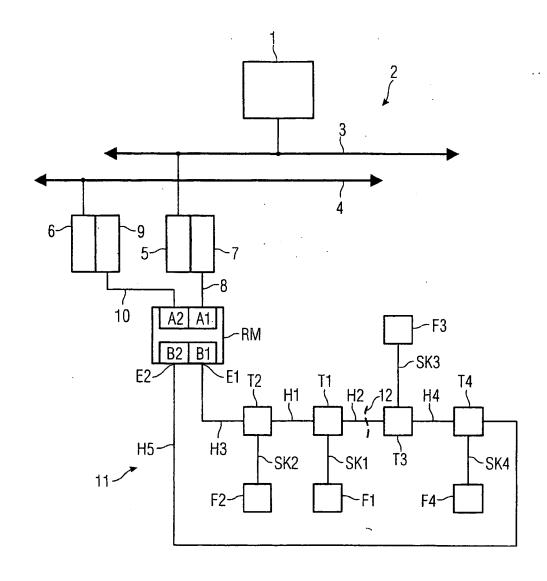


FIG 2

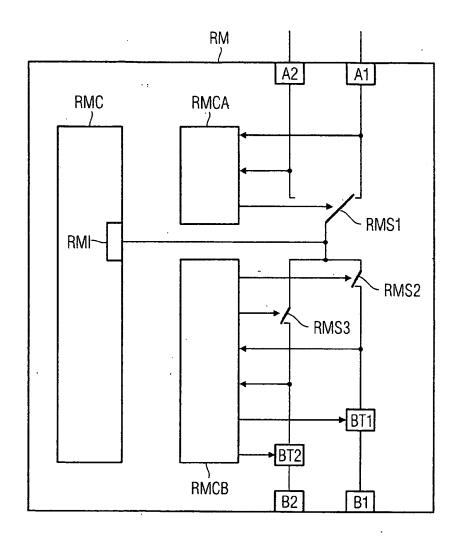


FIG 3

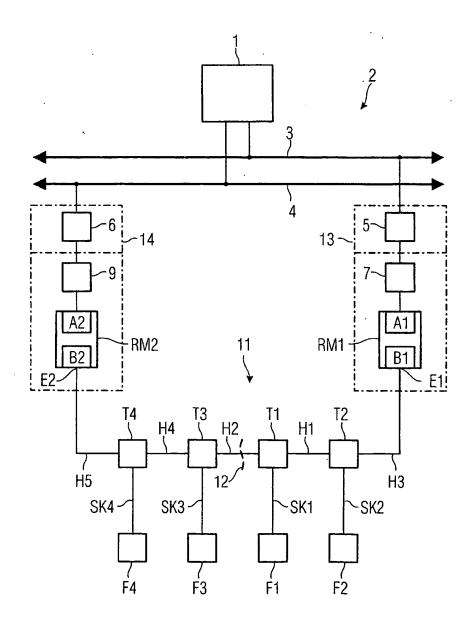
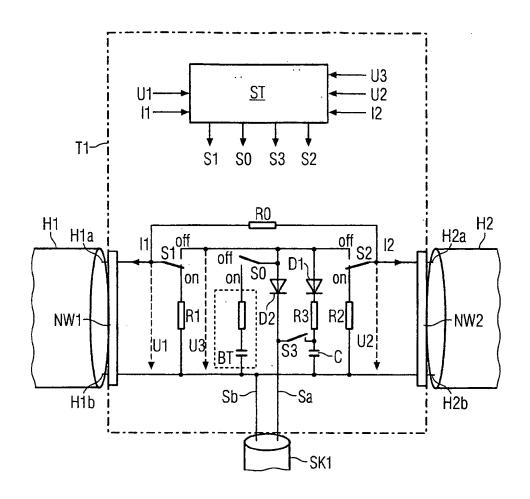


FIG 4



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Remarks			Trunk cable 2 OK	Trunk cable 2 short circuited	Trunk cable 2 open circuit	Feed also via trunk cable 2	Trunk cable 2 OK	Trunk cable 2 short circuited	Trunk cable 2 open circuit	Trunk cable 2 short circuited	RESET from RM	Short circuit rectified	Trunk cable 2 open circuit		RESET from RM	Open circuit rectified	Trunk cable 2 short circuited		RESET from RM
Next state	IDLE	TEST1	TEST2	SHORT	OPEN .)OK)O	SHORT	OPEN	SHORT	IDLE	EIOLE	OPEN	OPEN	DIE	IDLE	SHORT) YO	IDLE
S2	on	OU	uo			_	uo			uo				00			. "	JJO	
S1	0U	on	uo				JJO			ijО				. JJO				JJO	
S0	off	off	Щo				ijО			uo				UO				JJO	
K=U2/U1	-		<2/5 <1/10	<1/10	≈1/2	>1/2	<2/5 ≤1/10	<1/10	≈1/2	<1/10		<2/5 <1/10	≈1/2	≈1/2	1	<2/5	<1/10	*	
U1	0N>	on<	>00	> 00	0N <	on<	on<	on<	> 00	on<	0N>	on<	>00	00<	0N>	on<	200	0N <	2N0
State	DE		TEST1				TEST2			SHORT				NEN	i			ž	5

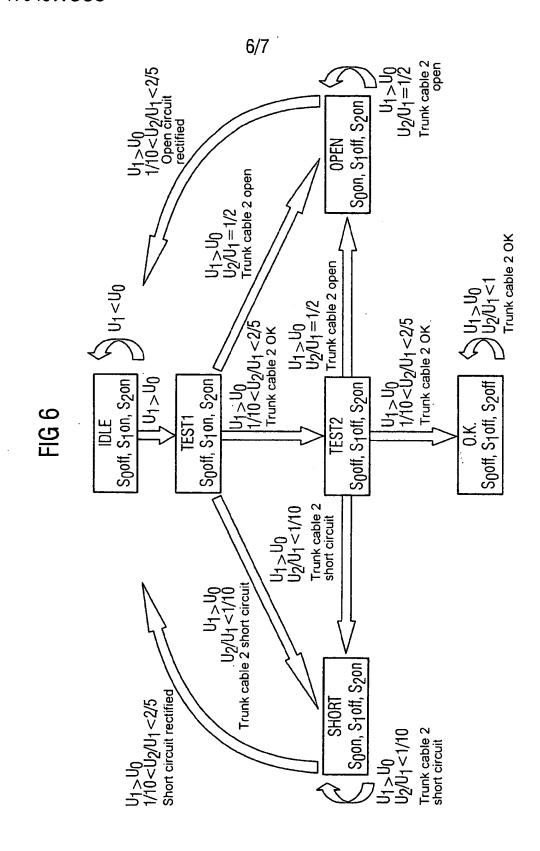


FIG 7

